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NAME **COMPANY NAME** TELECOPY NO. TO: Examiner Marshel USPTO 703-746-4991 FROM Alice O. Martin: **DIRECT DIAL: 312-214-8316** E-MAIL: **DATE:** May 6, 2002 TIME SENDING: NUMBER OF PAGES (INCLUDING THIS COVER SHEET): 10 If you have difficulty receiving this Fax, please call Barnes & Thomburg at and ask for _____

Re: Serial No. 09/533,466 Inventor: Frank Collart et al.

Title: USE OF THE CRYSTAL STRUCTURE OF BACTERIAL IMP DEHYDROGENASE

OT DESIGN INHIBITORS OF BACTERIAL GROWTH

Atty Docket No. 21416/90042

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

NE EWilliam 5-8-02

Inventor: Frank Collart et al.

Serial No.: 09/533,466

Attorney Docket No. 21416/90042

Filing Date: March 23, 2000

Title: USE OF THE CRYSTAL STRUCTURE

OF BACTERIAL IMP DEHYDROGENASE TO

DESIGN INHIBITORS OF BACTERIAL

GROWTH

CEXAMINET: A. Marshel

Art Unit: 1631

Art Unit: 1631

GROWTH

AMENDMENT AND RESPONSE TO OFFICE ACTION MAILED OCTOBER 15, 2001 AND THE INTERVIEW OF MAY 6, 2002

Assistant Commissioner of Patents Washington, D.C. 20231

Dear Sir:

This amendment is filed in response to the Office Action mailed October 15, 2001 and the interview of May 6, 2002. Please enter the following amendments and consider the following remarks. A petition for a one-month extension of time until February 15, 2002 was filed previously, A Notice of Appeal was filed April 15, 2002

AMENDMENTS

In the Claims

Please cancel claim 5.

Please amend the following claims:

- 1. (Amended) A crystal of <u>bacterial</u> IMPDH ([ionisine] <u>inosine</u> monophosphate dehydrogenase) isolated from a bacterial preparation.
- 3. (Amended) [The crystal of claim 1] A crystal of bacterial IMPDH (inosine monophosphate dehydrogenase) isolated from a bacterial preparation wherein the bacterial preparation is a pure culture of Streptococcus pyogenes.
- 4. (Twice Amended) A method for developing lead compounds for an inhibitor of bacterial IMPDH (inosine monophosphate dehydrogenase), said method comprising;

 [a.](a) obtaining a crystal of bacterial IMPDH;

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